#43585

Canon

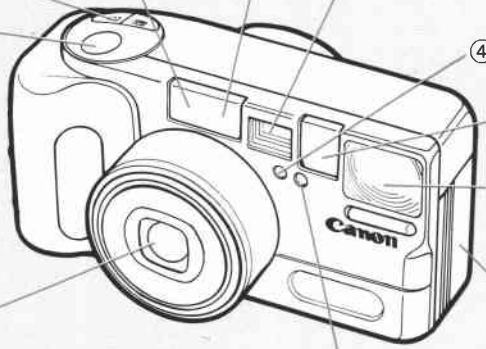
PRIMA ZOOM 76
PRIMA ZOOM 76 CAPTION

E INSTRUCTIONS
English Edition

F MODE D'EMPLOI
Edition française

S INSTRUCCIONES
Edición española

NOMENCLATURE



⑩ Zoom Button

⑪ AF Light Projector

① Remote Control Signal Receiver (Prima Zoom 76 Caption)

② Viewfinder Window

⑨ Shutter Button

④ Metering Window

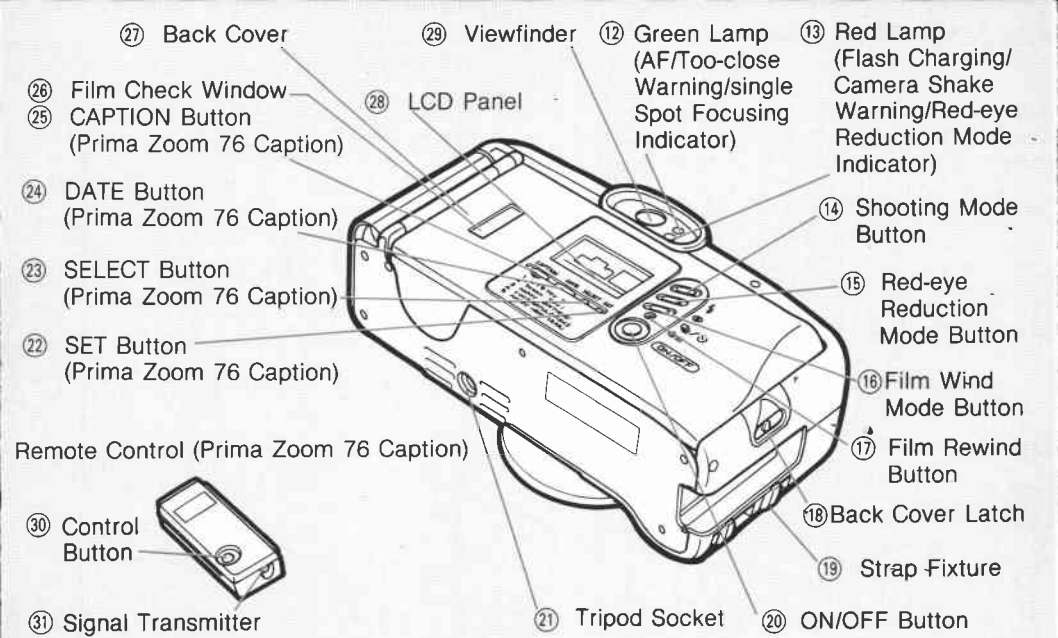
⑦ AF Light Receptor

⑤ Flash/Red-eye Reduction Lamp

⑥ Battery Cover

⑧ Lens

③ Self-timer/Remote Control Lamp (Prima Zoom 76 Caption)


㉗ Back Cover
㉙ Viewfinder
⑫ Green Lamp (AF/Too-close Warning/single Spot Focusing Indicator)
⑬ Red Lamp (Flash Charging/ Camera Shake Warning/Red-eye Reduction Mode Indicator)
㉖ Film Check Window
㉕ CAPTION Button (Prima Zoom 76 Caption)
㉘ LCD Panel
⑭ Shooting Mode Button
㉔ DATE Button (Prima Zoom 76 Caption)
㉓ SELECT Button (Prima Zoom 76 Caption)
⑮ Red-eye Reduction Mode Button
㉒ SET Button (Prima Zoom 76 Caption)
⑯ Film Wind Mode Button
⑰ Film Rewind Button
Remote Control (Prima Zoom 76 Caption)
㉚ Control Button
⑱ Back Cover Latch
⑲ Strap Fixture
㉛ Signal Transmitter
㉑ Tripod Socket
⑳ ON/OFF Button

Introduction

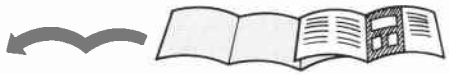
Thank you for selecting a Canon camera. The Prima Zoom 76/Prima Zoom 76 Caption is a fully-automatic 35 mm camera featuring a variety of functions and a 2-times power zoom lens housed in a compact body. Designed for maximum ease of use, Prima Zoom 76/Prima Zoom 76 Caption features "AI AF," an autofocus system that takes the worry out of focusing by automatically identifying and focusing on the subject.

Features

1. 2X power zoom lens (38-76 mm f/3.8-7.2) provides high picture quality and various picture compositions.
2. High-precision "AI AF".
3. Bright zoom viewfinder makes picture composition a snap.
4. Auto-zoom flash (Guide No. 12-14 /39-46•m/ft/ISO 100) and four shooting modes
5. Caption/date imprint function (Prima Zoom 76 Caption only)

Please read these instructions carefully for a thorough understanding before taking pictures.

While reading this booklet, unfold the front and rear flaps for easy reference to the camera's parts.



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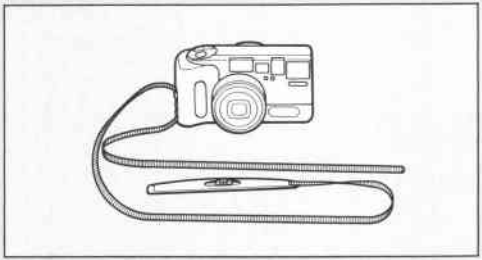
Precautions [!]

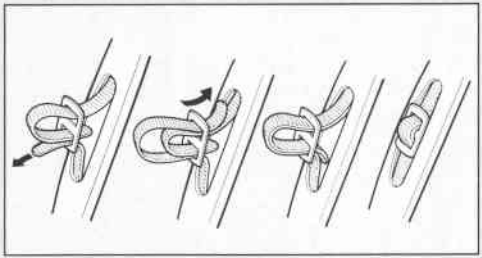
1) This camera is not resistant to water, and cannot be used underwater or outdoors if raining or snowing. If accidentally dropped in water, contact an authorized Canon service facility as quickly as possible. Remove water droplets from the camera with a clean dry cloth. If exposed to salt spray, clean it thoroughly afterward with a clean, damp, well-rung cloth.
2) Store the camera in a cool, dry, dust-free place. Be sure to keep the camera out of direct sunlight, and away from "hot spots" such as the trunk or rear window shelf of a car. Avoid places where moth balls are used, and in excessive humidity, use a desiccant.
3) Do not attempt to disassemble the camera yourself, due to the high-voltage circuitry inside. Always take it to an authorized Canon service facility for repair.
4) The battery may explode or cause burns if disassembled, recharged, shorted, exposed to high temperatures, or disposed of in fire.
5) Use a blower brush to remove dust and sand from the lens and inside the camera. Do not apply any fluids to the lens or body. Take it to a Canon service facility for more cleaning if necessary.
6) Film passing through X-ray examinations at airports may be exposed and ruined even when loaded in the camera. Request a hand-checked inspection to avoid damage.
7) Color reproduction may be adversely affected if film is left in the camera for a long time. Always develop exposed film promptly.

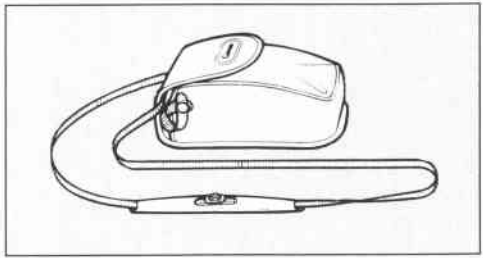
I. Shooting Preparations

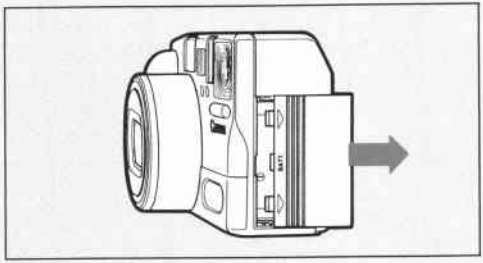
1. Attaching the Neckstrap

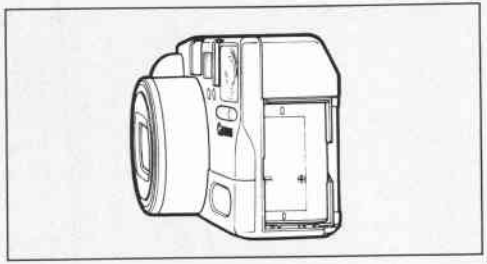
Attach the neckstrap to the fixtures as illustrated.
Keep the camera in its case for protection when not in use.











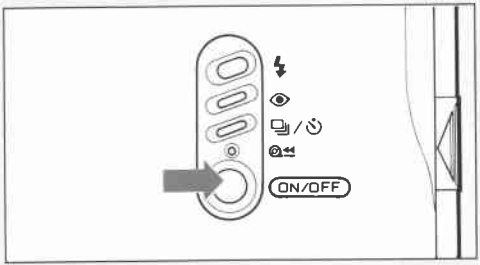
2. Loading and Checking the Battery

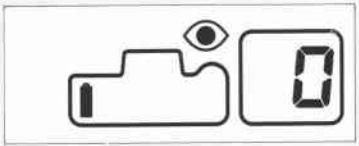
This camera uses one, 2CR5 six-volt lithium battery.

1) Press in and slide the battery cover in the direction of the arrow to remove.

2) Load the battery so that its terminals face in the direction shown in the illustration.

3) Close the battery cover.





Checking the Battery

Check the battery to ensure readiness before shooting.

1) Press the red ON/OFF button to turn on the camera.

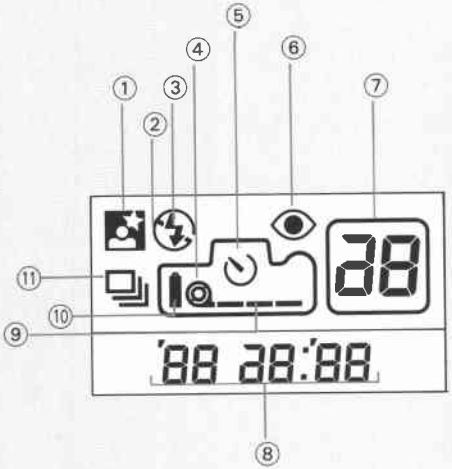
   - The lens cover opens and the lens automatically extends to the 38 mm position when the camera is turned on.

2) Confirm that the battery check symbol appears in the LCD panel as illustrated.

   - If the battery check symbol starts blinking, have a new battery handy. If the battery check symbol does not appear, replace the battery.

Shooting Capacity: Approx. 35 rolls of 24-exp. film with 50% flash use. (Data based on Canon's Standard Test Method)

- Always check the battery before taking pictures.
- When you intend to take many pictures, such as on a trip or at a wedding, be sure to take along a spare battery.
- When the camera is not in use, be sure to turn it off and retract the lens by pressing the red ON/OFF button.



3. LCD Panel Information

Shooting information is shown in the LCD panel. For quick recognition, pictographs and symbols are used for various functions.

① Slow-sync mode
② Flash-off mode
③ Flash-on mode
④ Film cartridge symbol
⑤ Self-timer mode
⑥ Red-eye reduction mode
⑦ Frame counter
⑧ Date display (Prima Zoom 76 Caption only)
⑨ Film transport marks
⑩ Battery check symbol
⑪ Continuous shooting mode

- This diagram shows all the symbols for explanation only. The LCD panel never actually looks like this.

- The LCD panel may become difficult to read after about 5 years. For replacement, see your nearest Canon Service Facility.

[E, 1E, 2E, 3E Display]
When E, 1E, 2E, or 3E is displayed, press the ON/OFF button once to turn off and press it again to turn on. If the display still remains even after this operation, take the camera to a Canon Service Facility.

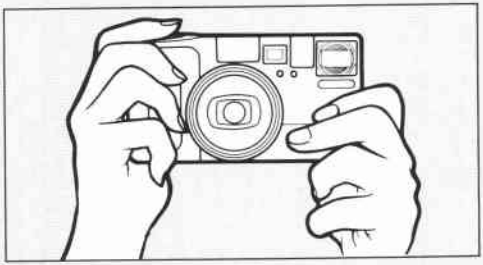
4. Holding the Camera

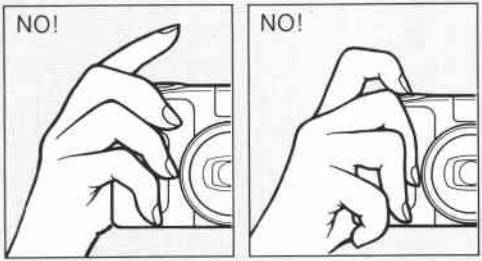
Unsharp pictures caused by "camera shake" may occur if the camera is not held steadily. Try the following holding technique to ensure sharp pictures:

1) Put the neckstrap around your neck and hold the camera with both hands.
2) Keep your elbows close to your body.
3) Hold the camera lightly against your nose and look through the viewfinder.
4) Place your feet slightly apart with one foot slightly forward for a steady stance.

- We recommend using ISO 200 or ISO 400 film to decrease the chance of camera shake with higher shutter speeds.
- Be careful to keep hair and fingers from blocking the lens, AE/AF windows, or flash when holding the camera.
- Do not grasp the lens barrel when holding the camera.

5. Shutter Button Action





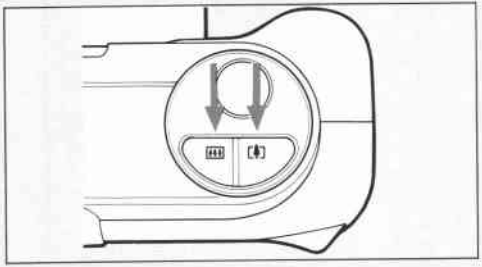
The shutter button activates two functions depending on the amount of pressure applied.

1) Press halfway for focus and metering.

2) Press completely to take the picture.

- Shutter button action plays an important part in taking sharp pictures. A quick stroke with the tip of your finger or fingernail may cause unnecessary camera movement called "camera shake". Rest the ball of your finger on the shutter button, press the button halfway to focus the subject, and then press the button completely using a gentle squeezing action.

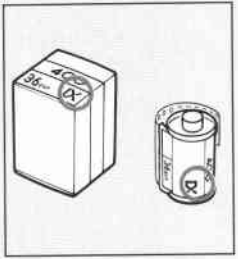
6. Zoom Operation

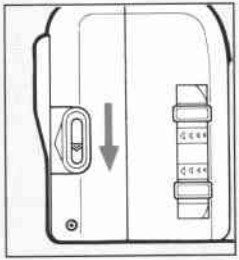


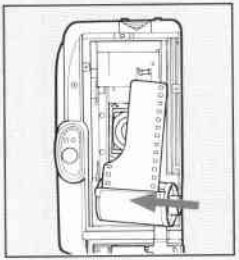
You can freely change the picture composition without changing your shooting position by pressing the wide-angle and telephoto zoom buttons. Use a telephoto setting to bring far subjects near or to take flattering portraits of people by eliminating distracting background elements. Use a wide-angle setting for group pictures or landscapes.

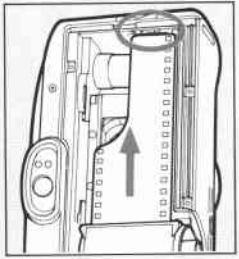
38 mm

76 mm







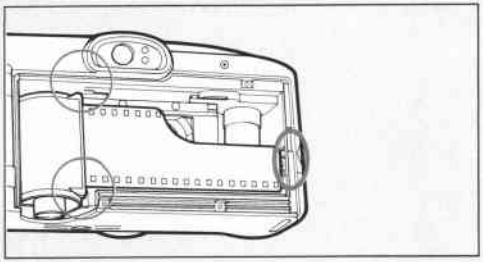


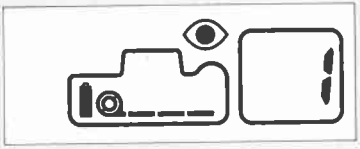
7. Loading the Film

Use only DX-coded film whenever possible.
The camera automatically sets the film speed.

- Any DX-coded film with a film speed in the range of ISO 25-3200 can be used.
- For slide film, use DX-coded film with a speed of ISO 25, 50, 100, 200, 400, 800, 1600, or 3200.

1) Slide the back cover latch down to open the back cover.
2) Insert the flat end of the film cartridge in first.
3) Carefully pull the film tip across until it reaches the film tip position mark.



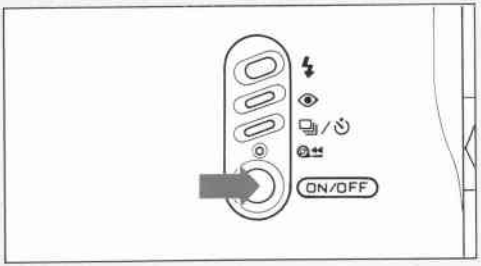


4) Make sure the film lies flat and is positioned properly between the film guides and close the back cover. The film automatically advances to the first frame and "1" appears in the frame counter.

- If the film does not advance correctly, the film transport marks and "0" blink on the LCD panel. Reload the film.

- A picture cannot be taken if the film is not loaded correctly.

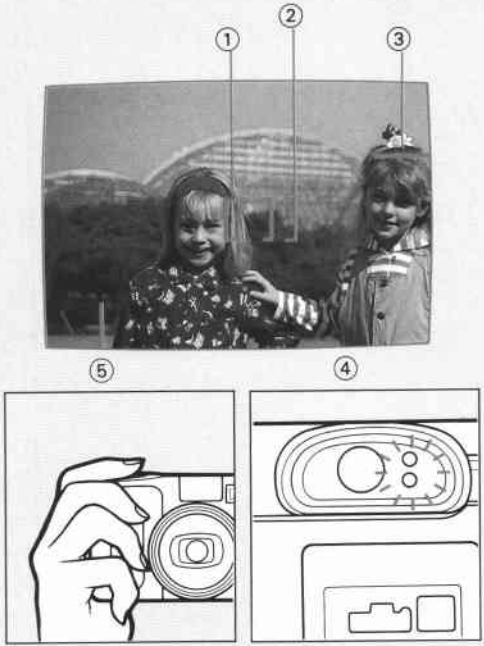
- When using DX-coded film of ISO 25 or non DX-coded film, press the shutter button four or five times until "1" appears in the frame counter.
  In this case, the film speed is set to ISO 25.



II. Basic Picture Taking

1. Turning on the Camera

Press the red ON/OFF button to turn on the camera. This sets up the camera for basic operation (Basic Mode). In this mode, the flash fires automatically in low light or back-lit conditions.

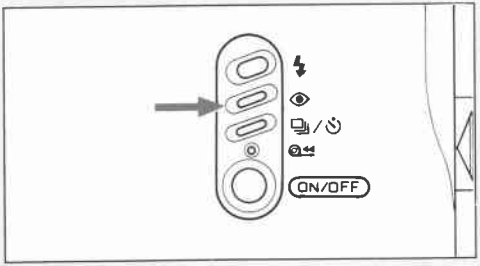


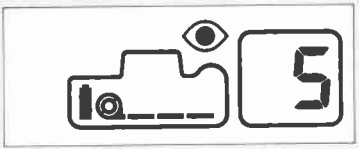
2. Taking Pictures in Basic Mode

Viewfinder diagram

① AF Frame
② Close-up AF Frame
③, ⑤ Parallax Correction Lines
④ Picture Frame

1) Compose the picture using the zoom buttons and the AF frame.
2) Press the shutter button halfway to focus the subject. The green lamp lights up when the subject is in focus.
   With the AI AF system, the subject is in focus even if it does not fill the AF frame completely.
3) Gently press the shutter button all the way down to take the picture. The flash fires automatically in low-light or backlit conditions.





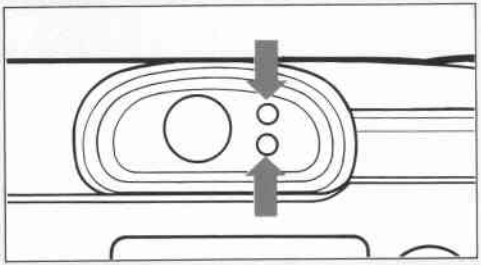
Red-eye Reduction Mode

Especially in pitch dark conditions, flash pictures of people may exhibit "red eye." This occurs when light reflects off the retina causing eyes to appear red.
The camera is equipped with a red-eye reduction mode to minimize this. This mode is automatically set each time the battery is loaded.

When the shutter button is pressed halfway in flash modes, a lamp in the flash illuminates the subject if necessary to contract the subject's pupils and minimize the chance of red eye.
For the best effect, have the subject look at the lamp while it is lit.

- To cancel the mode, press " ◉ " so that " ◉ " disappears from the LCD panel.

- Keep at least 0.6 m/2 ft away from the subject for sharp focus.
- When shooting at or near the closest shooting distance of 0.6 m/2 ft, use the close-up AF frame and make sure the subject is positioned inside the parallax correction lines.
- For pictures through a window, position the camera as close to the glass as possible.



Green and Red Lamps

The green and red lamps beside the viewfinder serve to inform you of important shooting conditions as follows:

Green Lamp

- Lights up: The subject is in focus.
- Blinks slowly (4 times/sec): The subject is not in focus, subject is too close. **Keep at least 0.6 m/2 ft away from the subject for sharp focus.**
- Blinks rapidly (16 times/sec): Single spot focusing is set. (See page 53.)

• **The green lamp may light up when closer than 0.6 m/2 ft, but the subject cannot be focused.**

Red Lamp

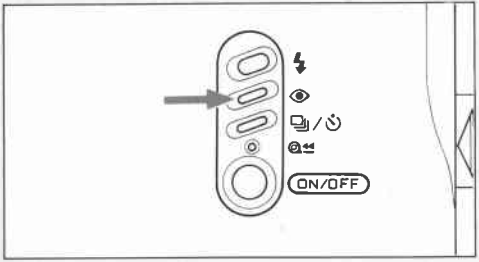
- Lights up: Flash charging is completed.
- Blinks slowly (4 times/sec): Camera shake warning (in flash-off mode)
- Blinks rapidly (16 times/sec): Red-eye reduction lamp lights up.

Flash Shooting Distance Range (using color print film)

For proper flash coverage, be sure to stay within the range of the film in use.

Film speed	38 mm	76 mm
ISO 100	0.6 - 4.8 m/ 2 - 15.7 ft	0.6 - 3 m/ 2 - 9.8 ft
ISO 200	0.6 - 6.8 m/ 2 - 22.3 ft	0.6 - 4.2 m/ 2 - 13.8 ft
ISO 400	0.6 - 9.6 m/ 2 - 31.5 ft	0.6 - 6 m/ 2 - 19.7 ft
ISO 1000	0.9 - 16.1 m/ 3 - 52.8 ft	1.1 - 10.1 m/ 3.6 - 33.1 ft
ISO 1600	1.1 - 19.2 m/ 3.6 - 63 ft	1.3 - 12 m/ 4.3 - 39.4 ft
ISO 3200	1.5 - 27.2 m/ 4.9 - 89.2 ft	1.8 - 17 m/ 5.9 - 55.8 ft

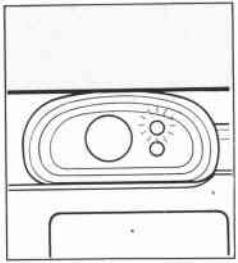
- Wait about 2.5 seconds in between flash pictures for the flash to recharge.



3. Single Spot Focusing

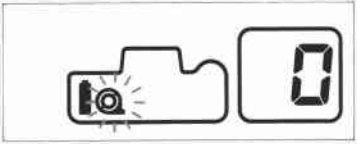
Although "AI AF" focuses most subjects, use single spot focusing for subjects extremely small or extremely off-center.

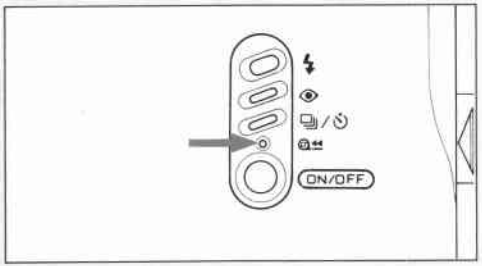
1) Press the " ◉ " red-eye reduction mode button for approx. 2 sec until the green lamp starts blinking rapidly (16 times/sec).
2) Center the AF frame over the subject and press the shutter button halfway. The green lamp starts blinking rapidly again to indicate focus completion.



3) Keeping the shutter button pressed halfway, recompose the picture as desired and then press the shutter button completely to take the picture.

- The mode is canceled after one exposure.
- When combined with the continuous shooting mode, continuous use of single spot focusing is possible as long as the shutter button is held down.





4. Removing the Film

The film is rewound automatically at the end of the roll. The film transport marks blink and the frame counter counts down while the film is rewinding. Film rewind stops automatically when the film has been completely rewound.

1) Before opening the back cover, make sure the film cartridge symbol " ⊙⊟ " is blinking in the LCD panel.

2) Open the back cover and remove the film cartridge.

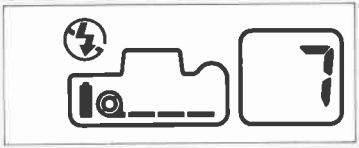
- To rewind film in mid-roll, press the " ⊙⊟ " film rewind button using the projection on the neckstrap's shoulder pad.
- If more than the number of frames specified on the film cartridge are shot, the last frame may be cut off during processing.

III. Other Operations

1. Selecting the Shooting Mode

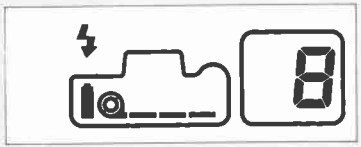
Press the yellow " ϟ " shooting mode button to change the shooting mode in the following sequence.

Auto mode (no mark provided in the LCD panel) → " ⊘ " Flash-off mode (see page 61) → ϟ Flash-on mode (see page 63) → ◙ ϟ Slow-sync mode (see page 65)



1) Flash-off Mode
In this mode, the flash will not fire even in low-light situations, enabling you to take available light pictures such as sunsets or in locations where flash is prohibited such as in theaters or museums.

- When taking pictures in flash-off mode, the shutter speed will become slow in low-light situations and the camera must be kept very still. To prevent camera shake, mount the camera on a tripod or place it on a stable surface.



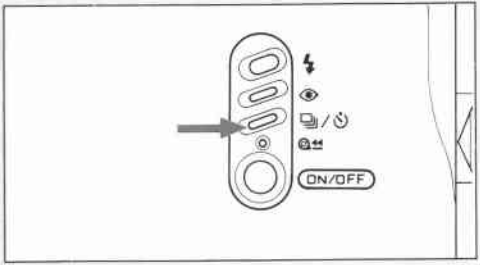
2) ϟ Flash-on Mode
In this mode the flash fires every time you take a picture. Use this mode to fill in the shadows of a backlit subject in front of a bright window or backed by the sun.

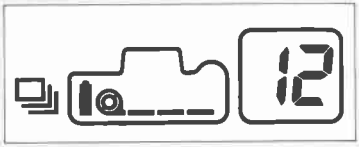
- The flash shooting distance range in flash-on mode is the same as in basic mode (see p. 51).

3) Slow-sync Mode
In this mode, the flash fires to illuminate the subject and a slow shutter speed is set to properly record the background. Use this mode when shooting at night, indoors with the flash or to keep the background properly exposed.

- Since a slow shutter speed is set in this mode, the camera must be kept very still. Mount it on a tripod or place it on a stable surface to prevent camera shake.

- The flash shooting distance range in slow-sync mode is the same as in basic mode (see p. 51).

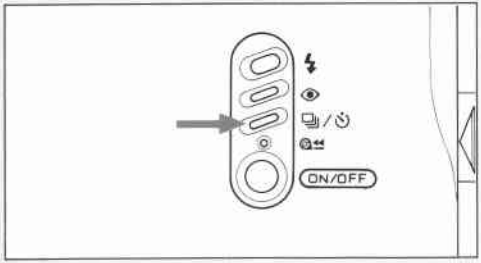




2. Continuous Shooting

Set continuous shooting by pressing the "▣ / ⏲" film wind mode button so that "▣" appears in the LCD panel. In this mode, you can take pictures continuously by holding the shutter button down (maximum 1 frame/second).

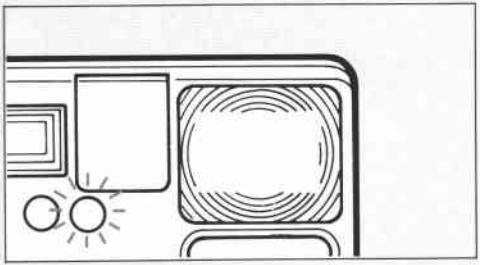
3. Self-timer Photography



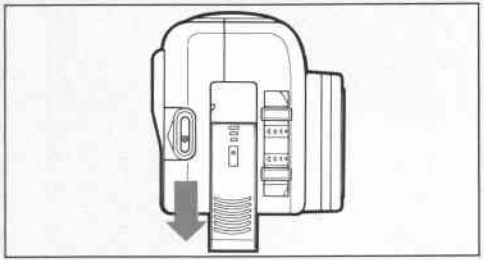
The self-timer function delays shutter release for 10 seconds to allow you to include yourself in the picture. Place the camera on a flat, steady surface or mount it on a tripod.

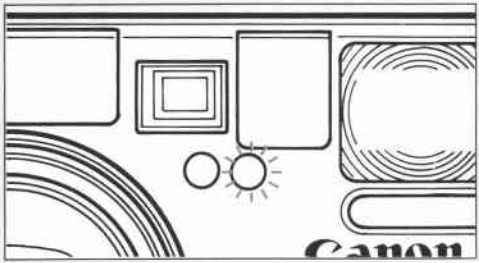
1) Press the " 🖳 / ⏲ " film wind mode button until " ⏲ " appears in the LCD panel.

2) Compose the picture and press the shutter button.



- The red self-timer lamp starts blinking slowly and then rapidly two seconds before the picture is taken.
- Press the shutter button while standing behind or to the side of the camera for proper focus.
- **To cancel** the self-timer before the picture is taken, press the red ON/OFF button.
- When finished using the self-timer, press the film wind mode button to cancel self-timer mode.



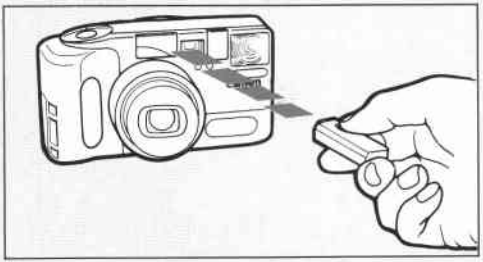


IV. Additional Functions for the Prima Zoom 76 Caption

1. Remote Control

The Prima Zoom 76 Caption's built-in remote control function releases the shutter up to 5 m/16.4 ft away from in front of the camera, and is handy for taking group pictures which include yourself.

1) Slide the remote controller in the direction of the arrow to remove it. The red remote control/self-timer lamp (on the front of the camera) starts blinking slowly.
2) Place the camera on a steady surface or mount it on a tripod, and compose the picture.
3) Aim the remote controller toward the camera and press the control button. The subject is focused and the red lamp starts blinking rapidly and the picture is taken after approximately two seconds.



- You can lock the focus after the remote controller is removed from the camera by pressing the shutter button halfway so that the green lamp lights up.
- This function cancels if the remote controller remains removed from the camera for more than eight minutes before a picture is taken. To reactivate, reattach the remote controller to the camera and then remove it again.
- The remote control function may not operate if the camera is in extremely strong backlighting or if the remote controller is too far from the camera. In cases such as these, use the camera's self-timer function.
- The remote controller operates up to 5 m/16.4 ft away when directly in front of the camera, or up to 3.5 m/11.5 ft when located at an angle to the signal receiver (approx. 25° left or right, 18° up or down).
- The camera operates normally even with the remote controller removed.

- The remote controller's battery has a life of approximately 20,000 operations. For battery replacement, see your nearest Canon Service Facility.
- Because certain kinds of fluorescent light tubes may emit light at frequencies that are the same as that of the infrared remote controller of your camera, there is a slight possibility that a picture may be taken at random before pressing the remote controller's button.

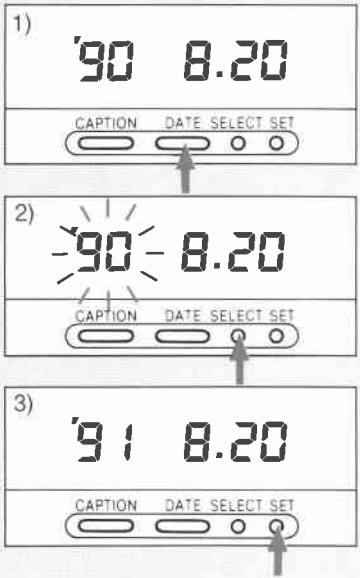
  REMEDY: Place the camera away from the fluorescent light.

Simulated Date
Date simulée
Fecha simulada

II. Date/Caption Imprinting

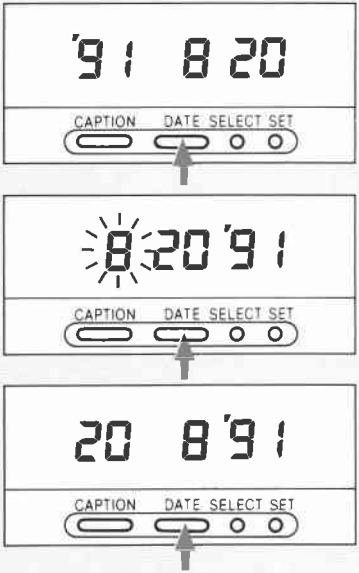
1. Date/Time Setting

The date/caption imprint function automatically keeps track of the correct date and time by making adjustments for leap years and long and short months. For the initial setting, when traveling to a different time zone or when replacing the battery, set the date and time as follows.



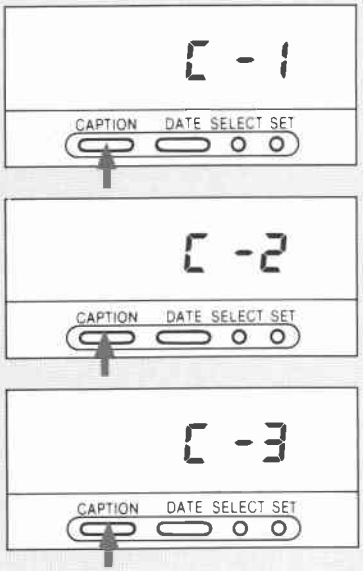
1) Press DATE to display the date (time) on the LCD panel.
2) Press SELECT so that the first setting position to be adjusted starts blinking.
3) Press SET to input the desired number.
   - The number increases by one each time SET is pressed. If SET is held down, the number increases quickly.
   - Use the projection on the end of the neckstrap's pad for easy setting.
4) Repeat steps #2 and #3 until all positions are set. When finished, press SELECT until all positions stop blinking.

2. Selecting the Imprint Format



The date/time can be imprinted in one of four different formats or turned off. Press DATE to change the date format in the following sequence:

Year/Month/Day → Month/Day/Year → Day/Month/Year → Day/Hour/Minute → No imprint ("- - - - -" hyphen display)



3. Caption Imprinting

Imprint one of five different captions on your pictures instead of the date/time. Select a caption by pressing CAPTION. The captions change in the following order:

C-1 ♡ I ♡ YOU → C-2 THANK YOU! → C-3 HAPPY BIRTHDAY → C-4 CONGRATULATIONS → C-5 HAPPY NEW YEAR!

- Captions are displayed in the LCD panel as "C-1" to "C-5"

If no date or caption imprint is desired, make sure the hyphens appear in the LCD panel. They will not appear on the picture.

Simulated Caption
Message simulé
Mensaje simulado

- A caption and date cannot be imprinted together.
- The camera automatically returns to date/time imprint after one picture. However, in continuous shooting mode, the caption mode is not canceled until you remove your finger from the shutter button.
- The date/time or caption is imprinted on the lower-right corner of the picture in orange when using color film. A dark background is recommended for clear caption imprint.

V. Specifications

General

Type: 35mm fully-automatic lens-shutter camera with autofocus and built-in power zoom lens

Lens: Canon 38-76 mm f/3.8-7.2

Shooting Distance Range: 0.6 m/2 ft to infinity

Viewfinder: Real-image zoom finder. Magnification: 0.4x (WIDE), 0.76x (TELE) Viewfinder Information: AF frame, close-up AF frame, picture frame, and parallax correction lines in the viewfinder; Green LED on viewfinder eyepiece indicates AF in-focus, too-close warning, single spot focusing; Red LED indicates flash ready, camera-shake warning, and red-eye reduction mode

Shutter: Programmed electromagnetically-driven shutter; also serves as diaphragm

Autofocus

AF Control: Evaluative Active System; single spot focusing possible

Exposure Control

AE Control: Program AE using 3-zone metering system

Metering Range: (at ISO 100)

Basic/Flash-on mode: WIDE: 1/45 f/3.8 - 1/750 f/19 (EV 9.25 - 18); TELE: 1/90 f/7.2 - 1/500 f/22 (EV 12 - 18)

Flash-off/Slow-sync mode: WIDE: 1 sec f/3.8 - 1/750 f/19 (EV 4 - 18); TELE: 1 sec f/7.2 - 1/500 f/22 (EV 6 - 18)

Exposure Compensation: + 1.5-stop automatic exposure compensation for backlit scenes in flash-off mode/in auto, flash on, slow-sync modes (for shooting distances of 5 m/16.4 ft or greater)

Film Handling

Film Speed Setting: ISO 25-3200; automatically set in 1-stop increments according to DX code; non-DX-coded film set to ISO 25.

Film Loading: Automatic (automatic blank frame advance for DX-coded films except for ISO 25 film)

Film Winding: Automatic, single-frame or continuous shooting (1 fps) user selectable

Film Rewinding: Automatic at end of film, stops automatically when finished; Mid-roll rewind possible

Frame Counter: 7-segment, 2-digit LCD display counts up during film winding and counts down during rewinding; Warns of film loading failure

Flash

Built-in Flash: Automatically fires in low-light and backlit conditions; automatic zooming coupled to lens zooming; equipped with red-eye reduction lamp

Guide Number: (at ISO 100) 12-14•m / 39-46•ft

Flash Coupling Range: WIDE: 0.6-4.8 m/2-15.7 ft; TELE: 0.6-3.0 m/2-9.8 ft (using ISO 100 color print film)

Recycling Time: Approx. 2.5 sec

Flash Firing: Automatic, Flash-off, Flash-on and Slow-sync modes user-selectable using shooting mode button

Other

Self-timer: Electronically-controlled 10-second delay timer activated by shutter button; Red LED on front of body blinks during operation; Frame counter counts down indicating remaining delay time

Power Source

Battery: One 6V lithium battery (2CR5)

Shooting Capacity: Approx. 35 rolls of 24-exp. film with 50% flash use

Battery Check: Three-step battery level indication in the LCD panel: Lights Blinks Extinguished

Size

Dimensions: 139.4 (W) × 73.2 (H) × 61.2 (D) mm / 5-1/2" × 2-7/8" × 2-3/8"

Weight: 390 g/13.8 oz (without battery)

Additional Specifications for the Prima Zoom 76 Caption

Remote Control Function: Dedicated remote control system using infrared light; activated by pressing button; 2-second delay release; Battery life: approx. 20,000 transmissions.

Imprint Function: Built-in date/time and caption imprint function using dot LED and automatic calendar with built-in quartz digital date/time clock programmed with dates until year 2029 (compensates automatically for long and short months and leap years)

Clock precision: Variation of +/- 120 sec or less per month at normal temperature (20°C)

Imprint data: Date/time or caption

Imprint color: Orange

All data are based on Canon's Standard Test Method.

Subject to change without notice.